

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

U.S. DEPARTMENT OF JUSTICE
DO-1390 (Modified)
(5)
TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371
INTERNATIONAL FILING DATE

ATTORNEY'S DOCKET NUMBER

9847-00006X PCT

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/554905

PRIORITY DATE CLAIMED

DATE CLAIMED
NOVEMBER 27, 1997

INTERNATIONAL APPLICATION NO.
PCT/SE98/02161

INTERNATIONAL FILING DATE
NOVEMBER 27, 1998

TITLE OF INVENTION

TITLE OF INVENTION
A METHOD AND A SYSTEM FOR SPEED CONTROL OF A ROTATING ELECTRICAL MACHINE WITH FLUX
COMPOSED OF TWO QUANTITIES

APPLICANT(S) FOR DO/EO/US
Erland SORENSEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- Applicant herewith submits to the Office the following:
1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
 4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
 7. ☒ A copy of the International Search Report (PCT/ISA/210).
 8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 10. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
 11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
 12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 18 below concern document(s) or information included:

- Items 13 to 18 below concern document(s) of international interest.
13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
A **SECOND** or **SUBSEQUENT** preliminary amendment.
16. ☒ A substitute specification.
17. ☐ A change of power of attorney and/or address letter.
18. ☐ Certificate of Mailing by Express Mail
19. ☒ Other items or information:
- Cited in International Search Report

Request for Consideration of Documents Cited in International Search Report

Notice of Priority

Form PTO 1449

List of Related Cases

Marked-up Specification

Marked-up Specification
Response to Petition Under 37 CFR 1.182

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.
PCT/SE98/02161

526 Rec'd PCT/PTO 22 MAY 2000

9847-0048-6X PCT

09/554905

CALCULATIONS PTO USE ONLY

20. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

\$840.00

- ☐ Search Report has been prepared by the EPO or JPO \$840.00
- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) \$670.00

\$670.00

- ☐ No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$760.00

\$760.00

- ☒ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$970.00

\$970.00

- ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96.00

\$96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

\$130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	35 - 20 =	15	x \$18.00
Independent claims	4 - 3 =	1	x \$78.00

\$270.00

\$78.00

\$0.00

Multiple Dependent Claims (check if applicable).

\$1,448.00

TOTAL OF ABOVE CALCULATIONS =

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). ☐

\$0.00

SUBTOTAL =

\$1,448.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

\$0.00

TOTAL NATIONAL FEE =

\$1,448.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☐

\$0.00

TOTAL FEES ENCLOSED =

\$1,448.00

Amount to be:
refunded \$
charged \$

- ☒ A check in the amount of \$1,448.00

to cover the above fees is enclosed.

- ☐ Please charge my Deposit Account No. _____
A duplicate copy of this sheet is enclosed.

in the amount of _____

to cover the above fees.

- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
Crystal Square Five, Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202
703-413-3000

WILLIAM E. BEAUMONT
REGISTRATION NUMBER 30,996

SIGNATURE

Gregory J. Maier

NAME

25,599

REGISTRATION NUMBER

DATE

May 22, 2000

DOCKET NO. 9847-0048-6X PCT
ENKEL: 8335

IN RE APPLICATION OF: Erland SORENSEN

SERIAL NO.: NEW U.S. PCT APPLICATION (based on PCT/SE98/02161)

FILED: HEREWITH

FOR: A METHOD AND A SYSTEM FOR SPEED CONTROL OF A ROTATING ELECTRICAL
MACHINE WITH FLUX COMPOSED OF TWO QUANTITIES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required.
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.
- ☒ Additional documents filed herewith: Notice of Priority/Check for \$ 1,448.00/PCT Transmittal Letter Preliminary Amendment/Substitute Specification/Marked-up Specification/Form PTO 1449 Information Disclosure Statement/Response to Petition Under 37 CFR 1.182 International Search Report/Request for Consideration/List of Related Cases

The fee has been calculated as shown below.

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
TOTAL	* 35	MINUS	** 35	= 0	X9 =	\$	X18 =	\$.00
INDEP	* 4	MINUS	*** 4	= 0	X39 =	\$	X78 =	\$.00
					+130=	\$	+260=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					TOTAL	\$	TOTAL	\$.00

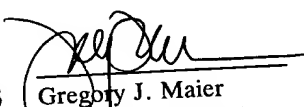
A check in the amount of \$_____ is attached.

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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*If the entry in Column 2 is less than the entry in Column 1 write "0" in Column 3.
**If the "Highest Number Previously paid for" IN THIS SPACE is less than 20 write "20" in this space.
***If the "Highest Number Previously paid for" IN THIS SPACE is less than 3 write "3" in this space.

PATENT APPLICATION SERIAL NO. 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INDEX RECORD SHEET

05/30/2000 WCLAYBRO 00000208 09554905

01 FC:960	970.00 OP
02 FC:154	130.00 OP
03 FC:966	270.00 OP
04 FC:964	78.00 OP